

FIG. 1

THE UNIVERSITY OF CHICAGO

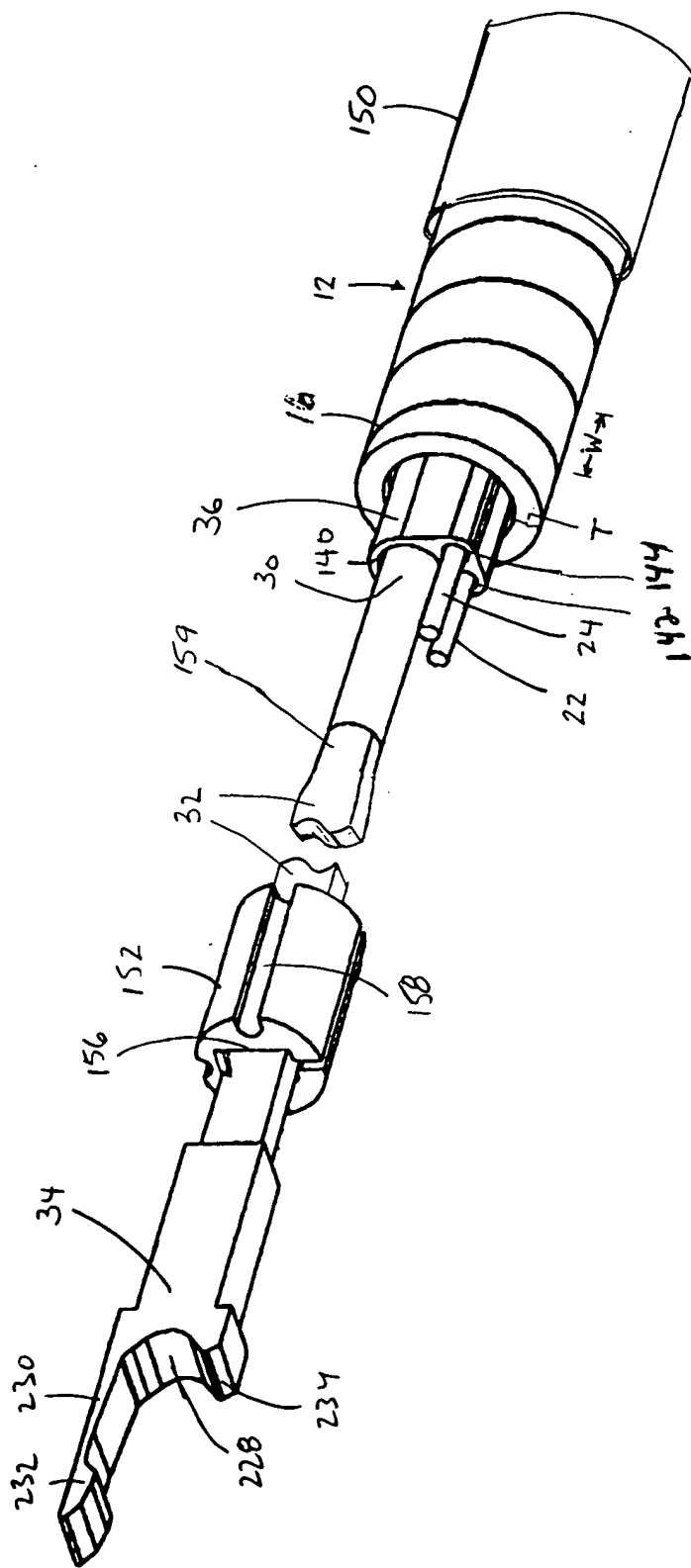


FIG. 2

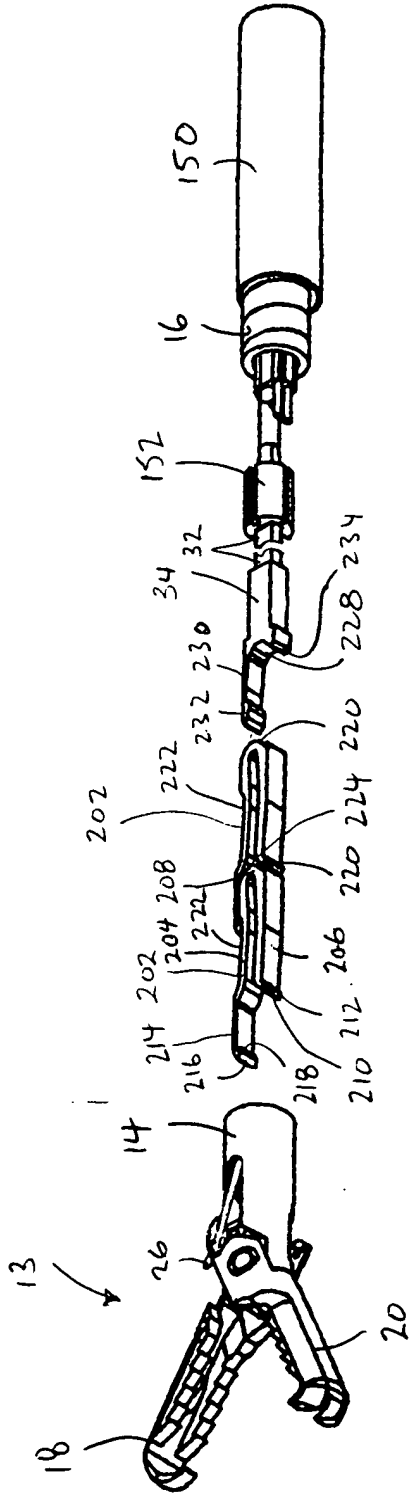


FIG. 2A

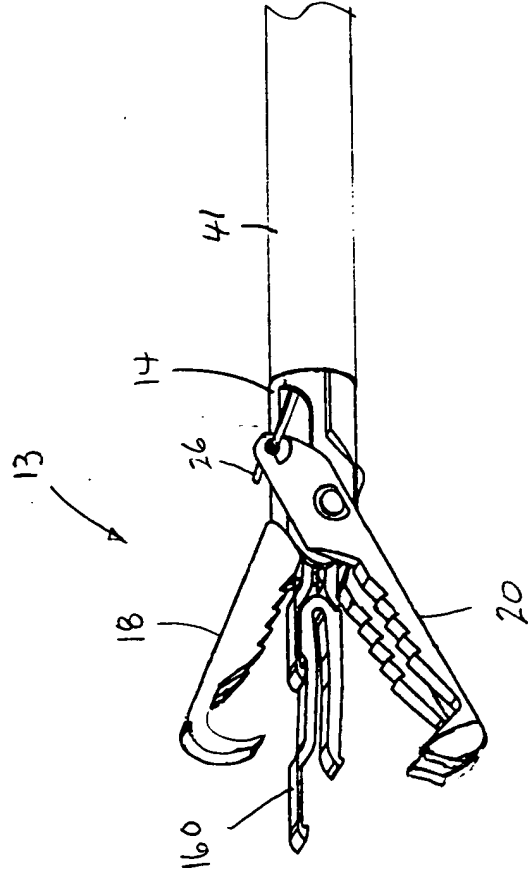


FIG. 3

10010912-120601

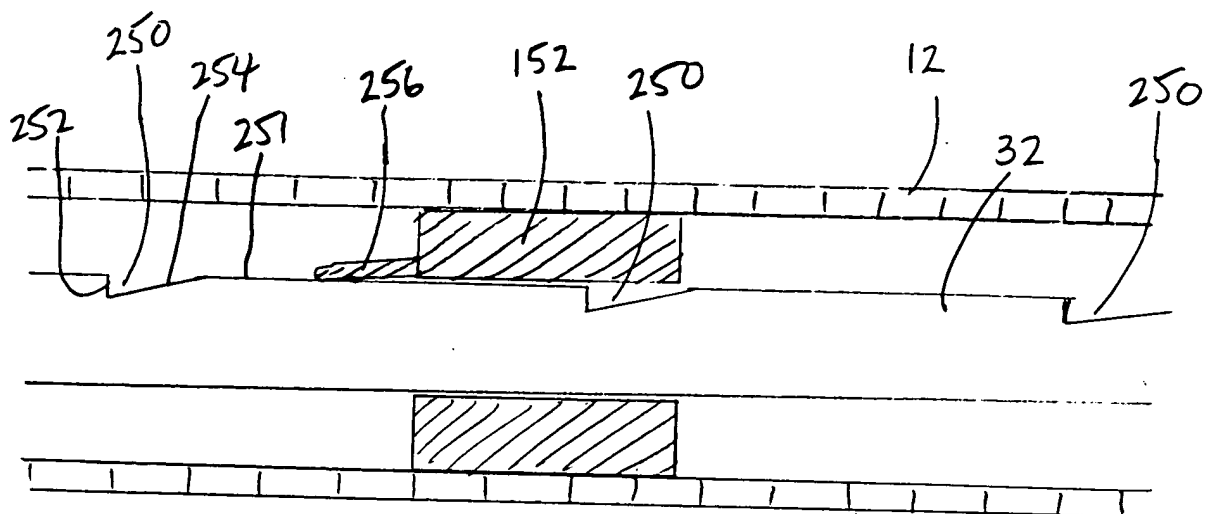


FIG. 2B

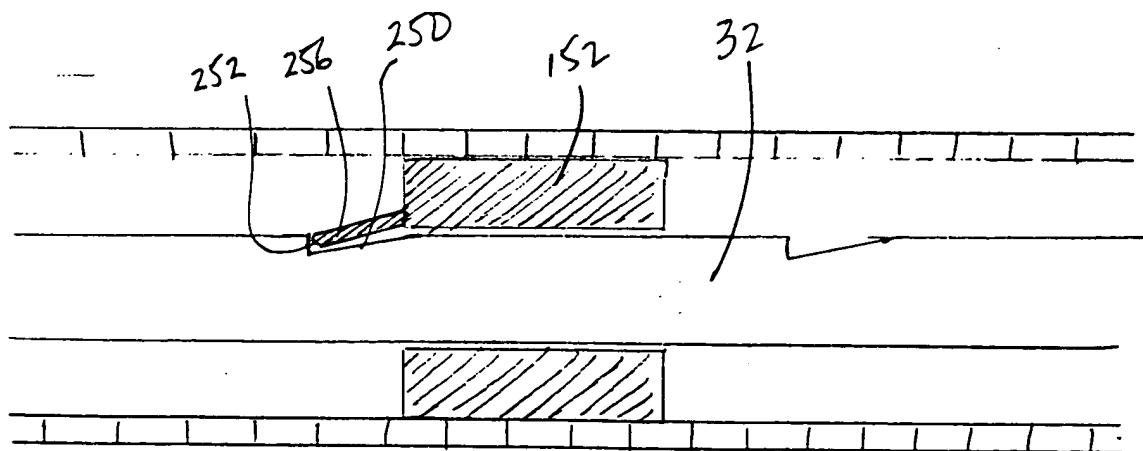


FIG. 2C

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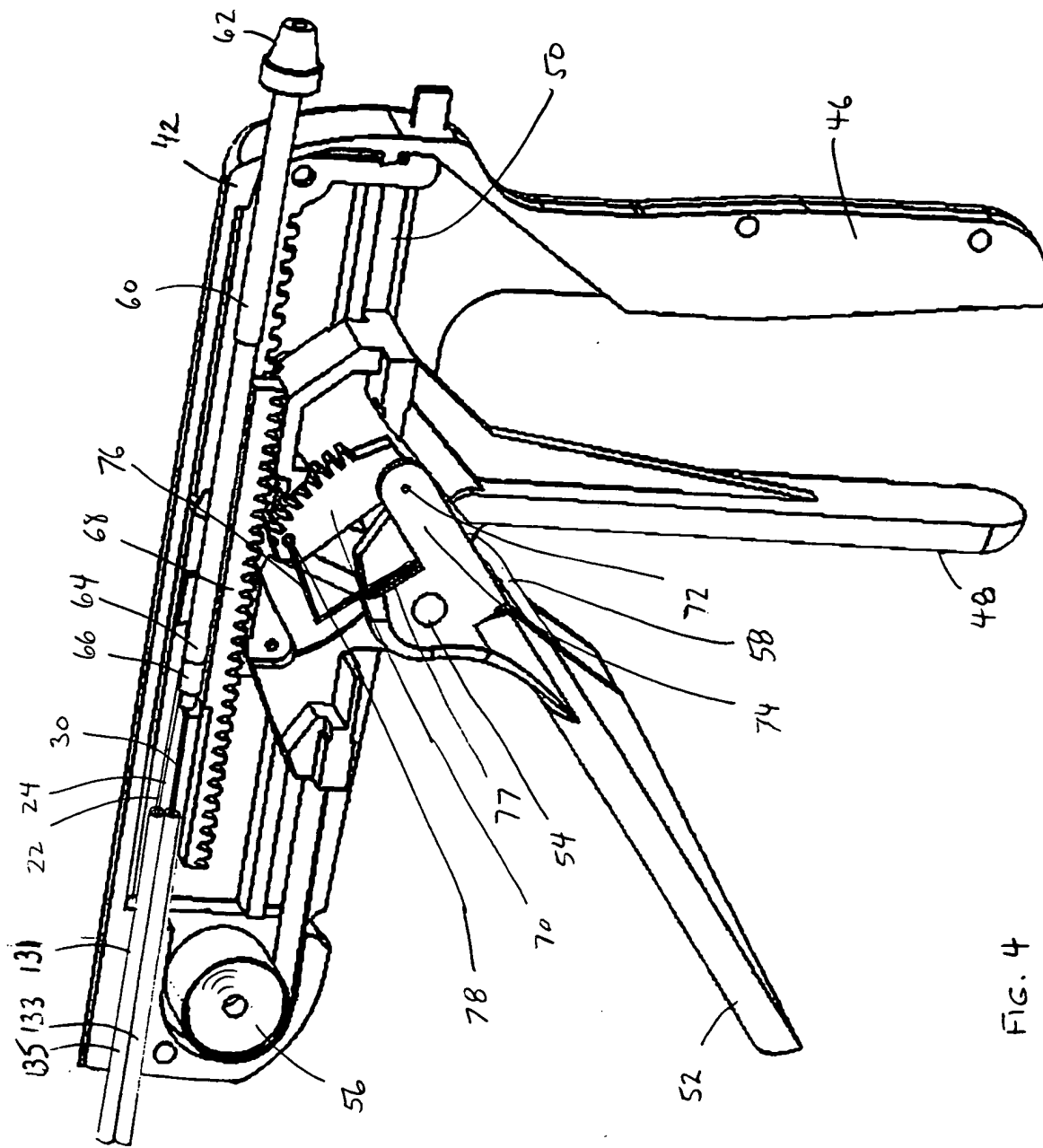


FIG. 4

FIG. 4A

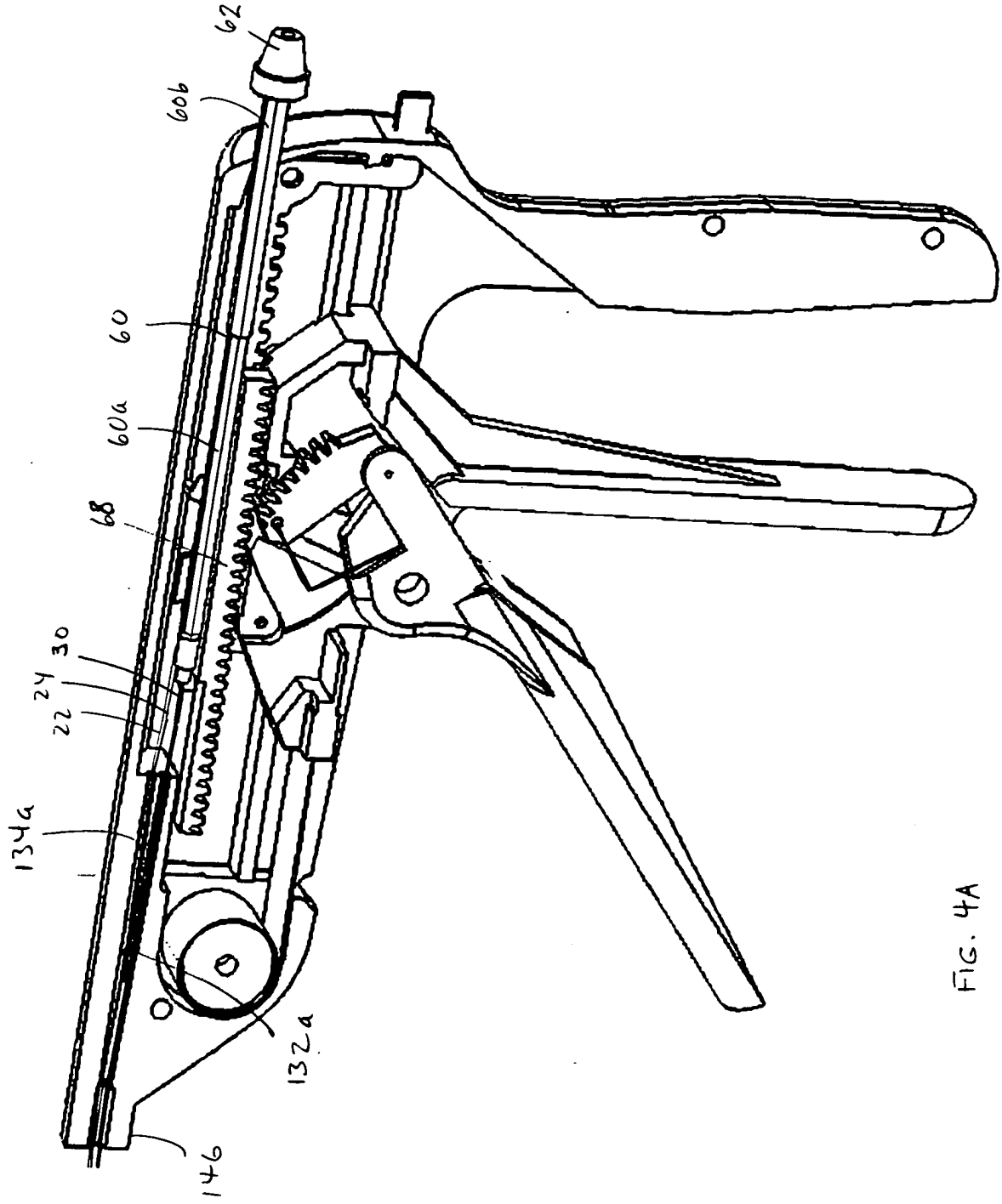


FIG. 4A

10010912.120601

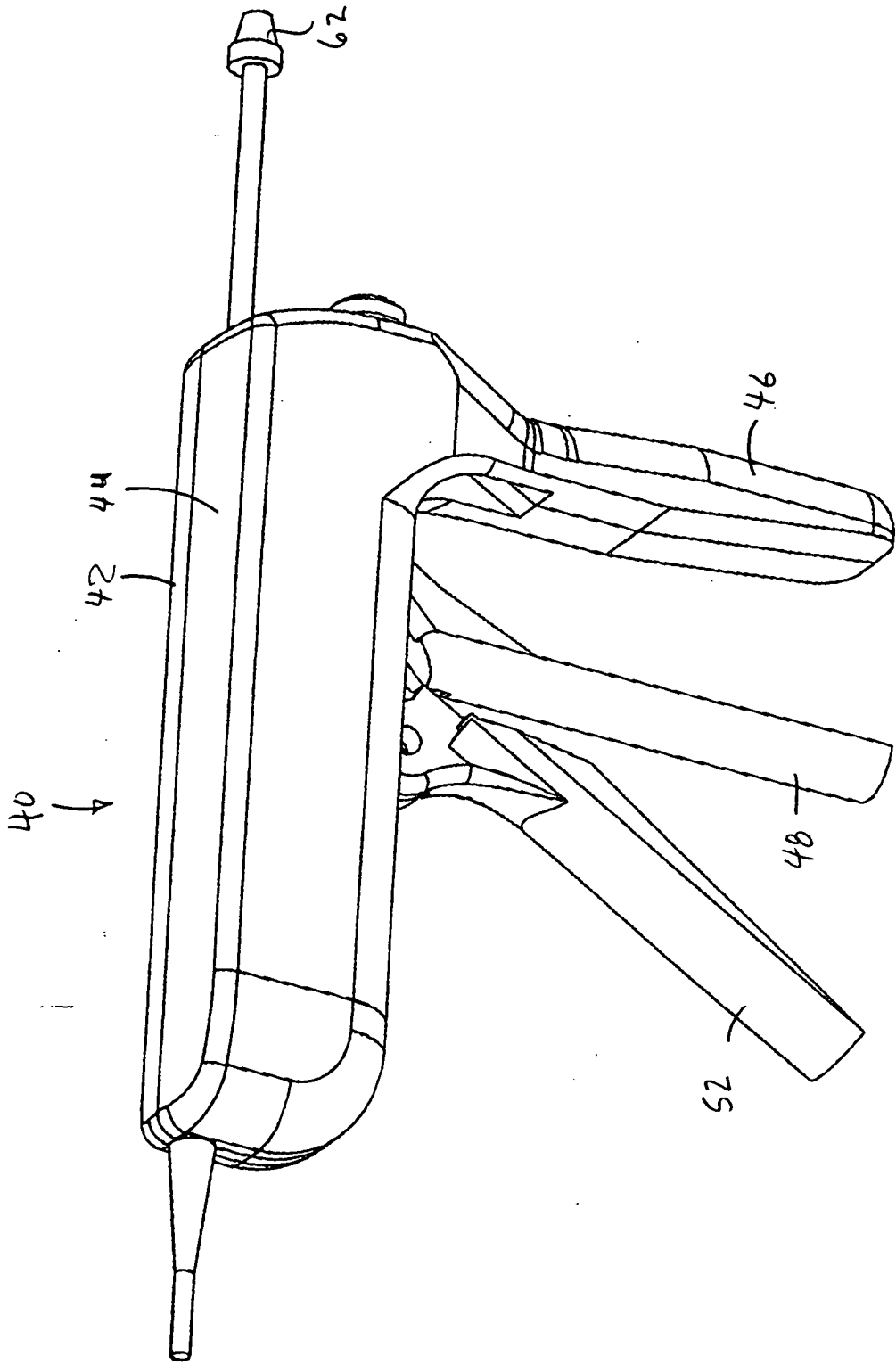


FIG. 5

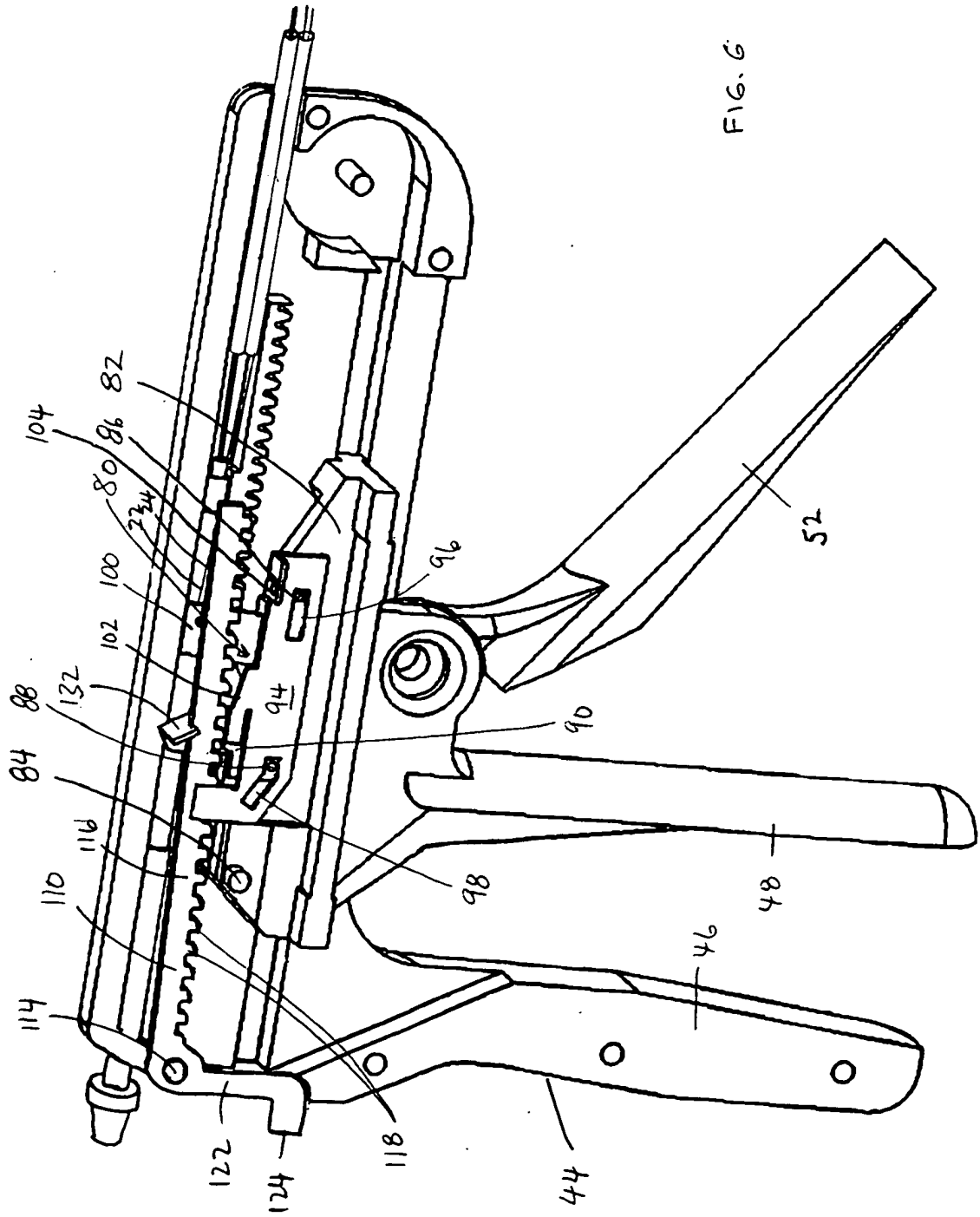


FIG. 6

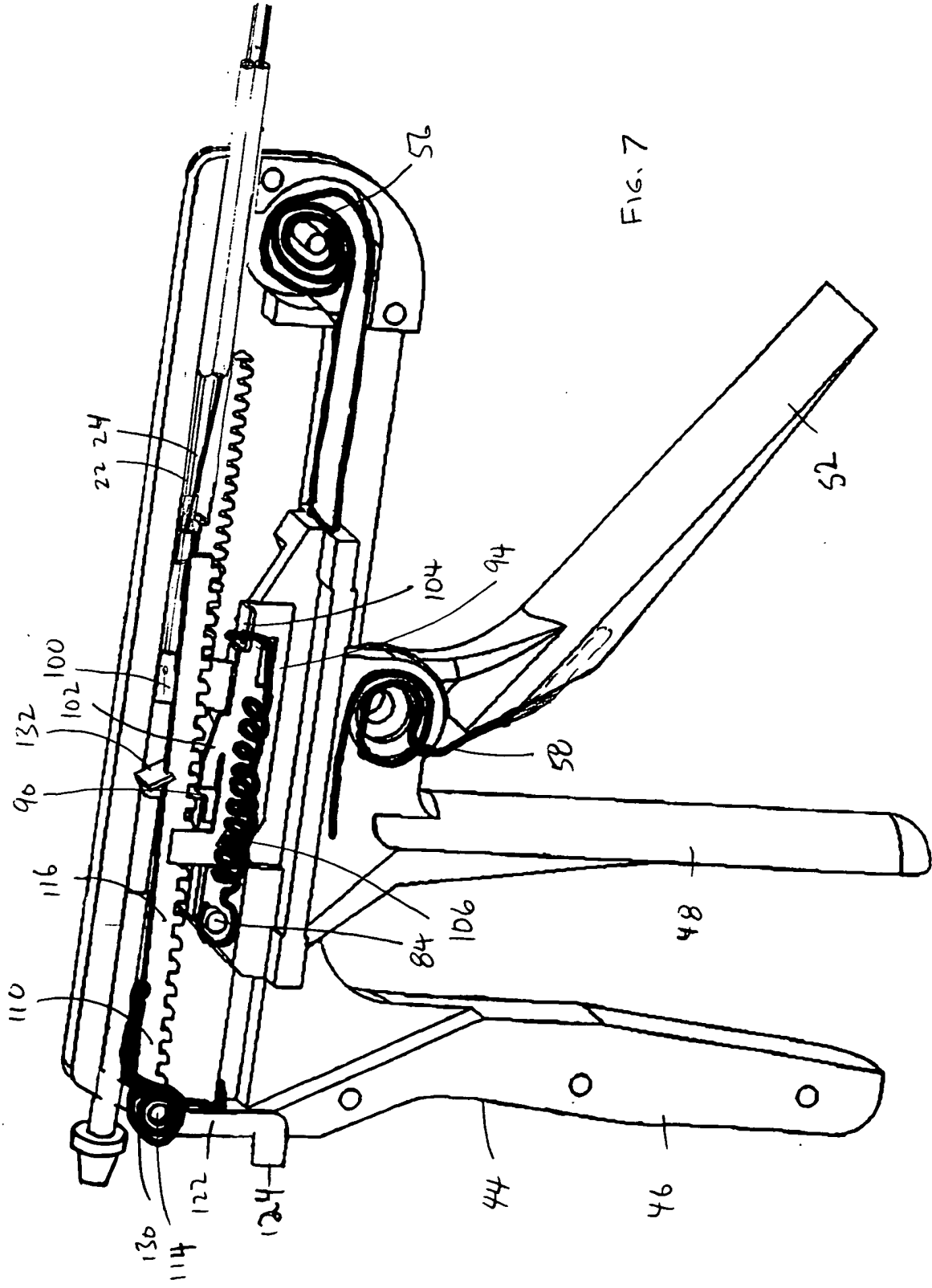


FIG. 7

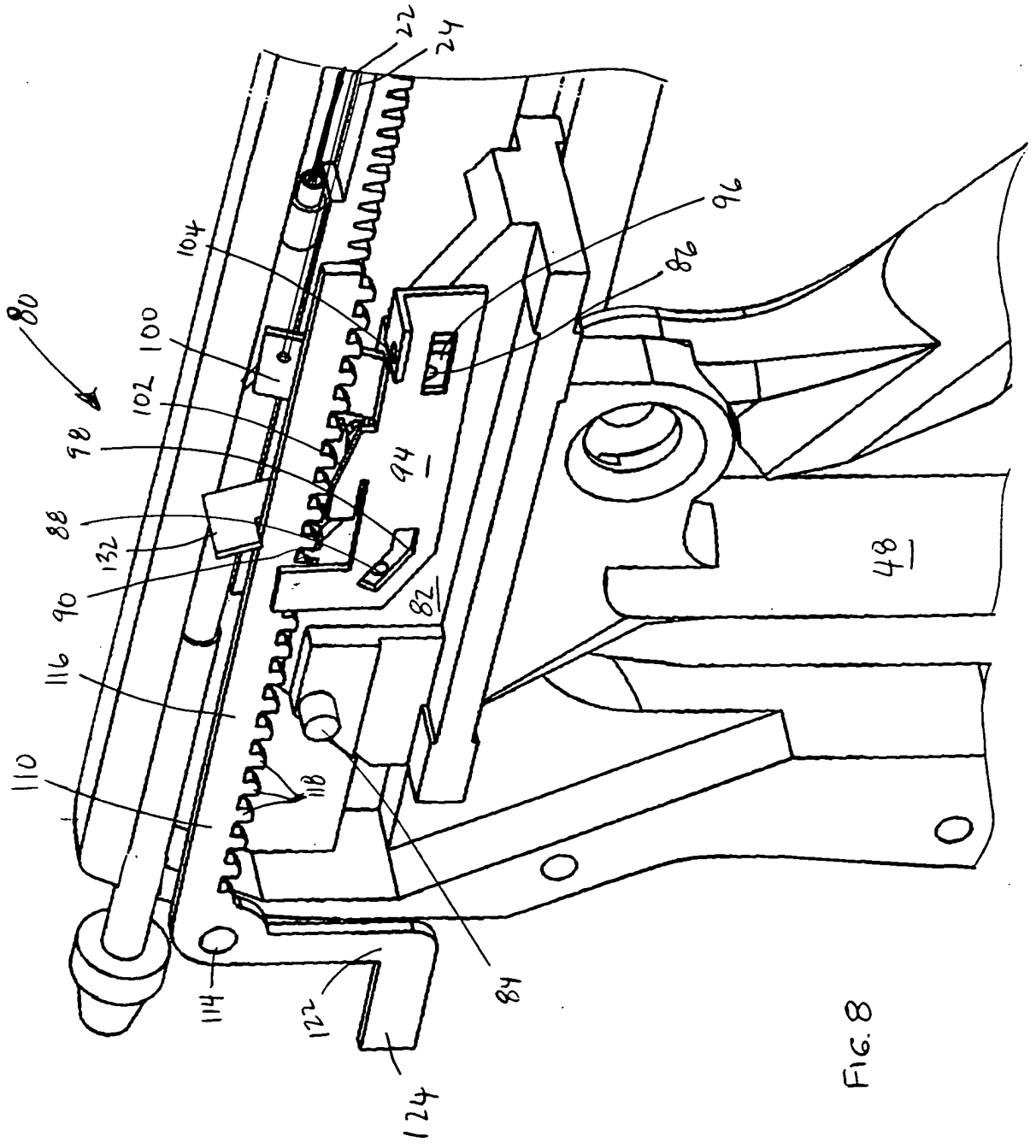


FIG. 8

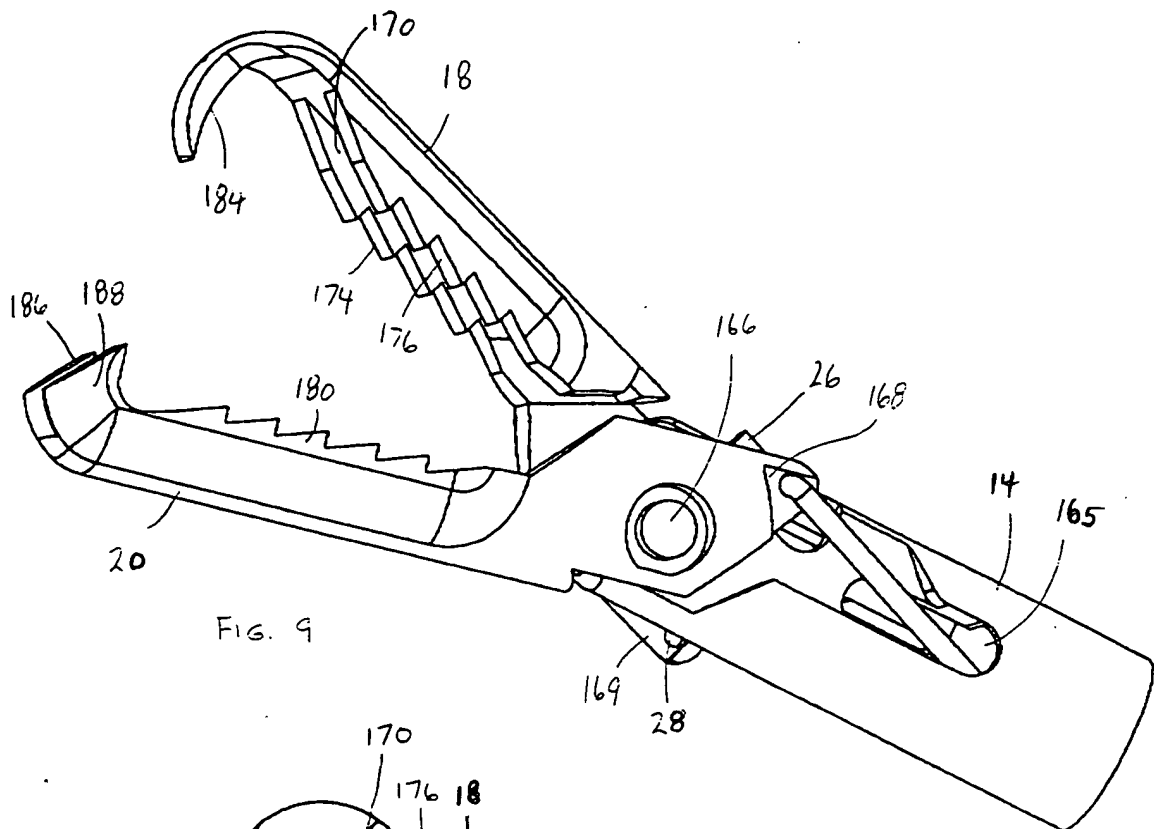


FIG. 9

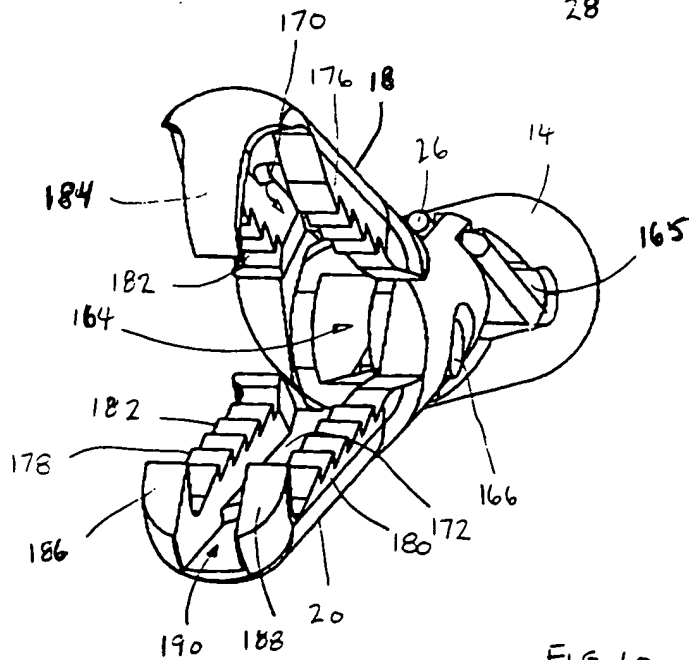


FIG. 10

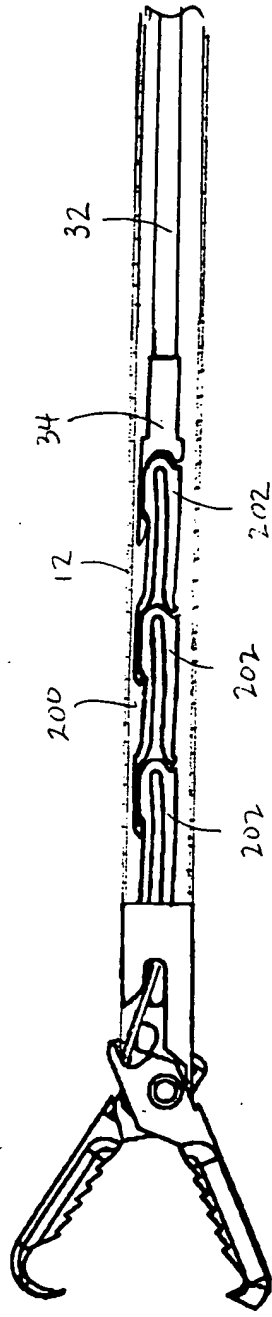


FIG. 11

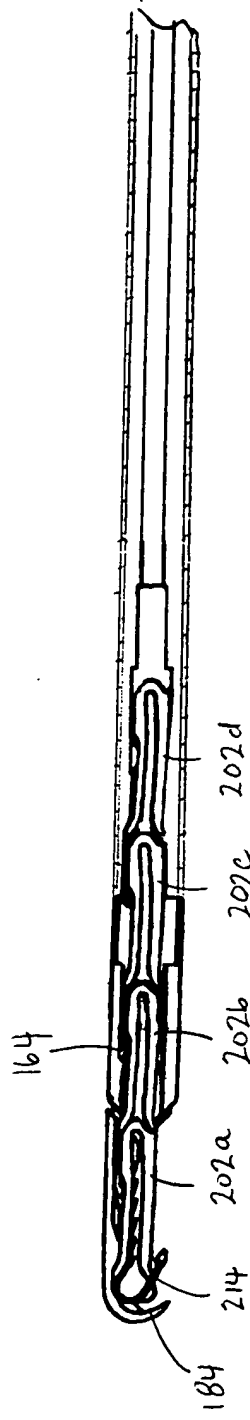


FIG. 17

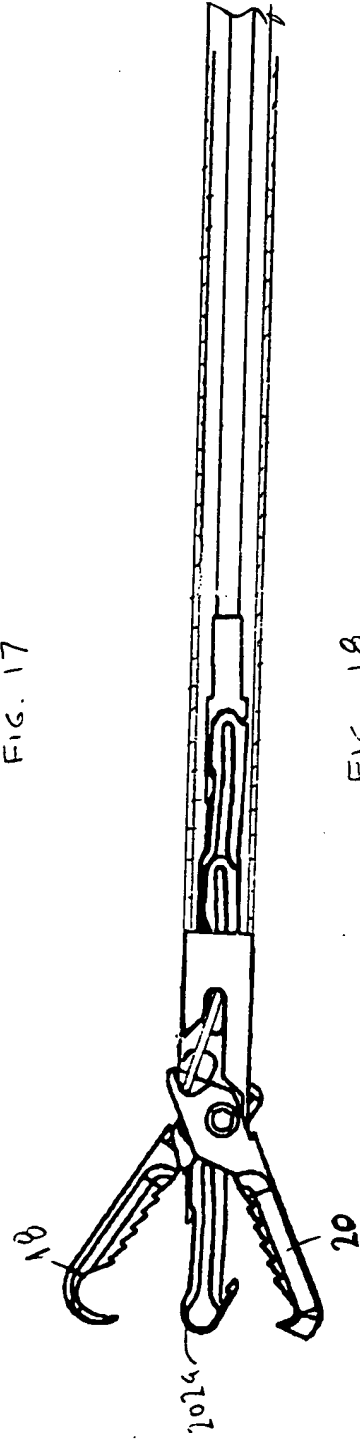


FIG. 18

10010912-120601

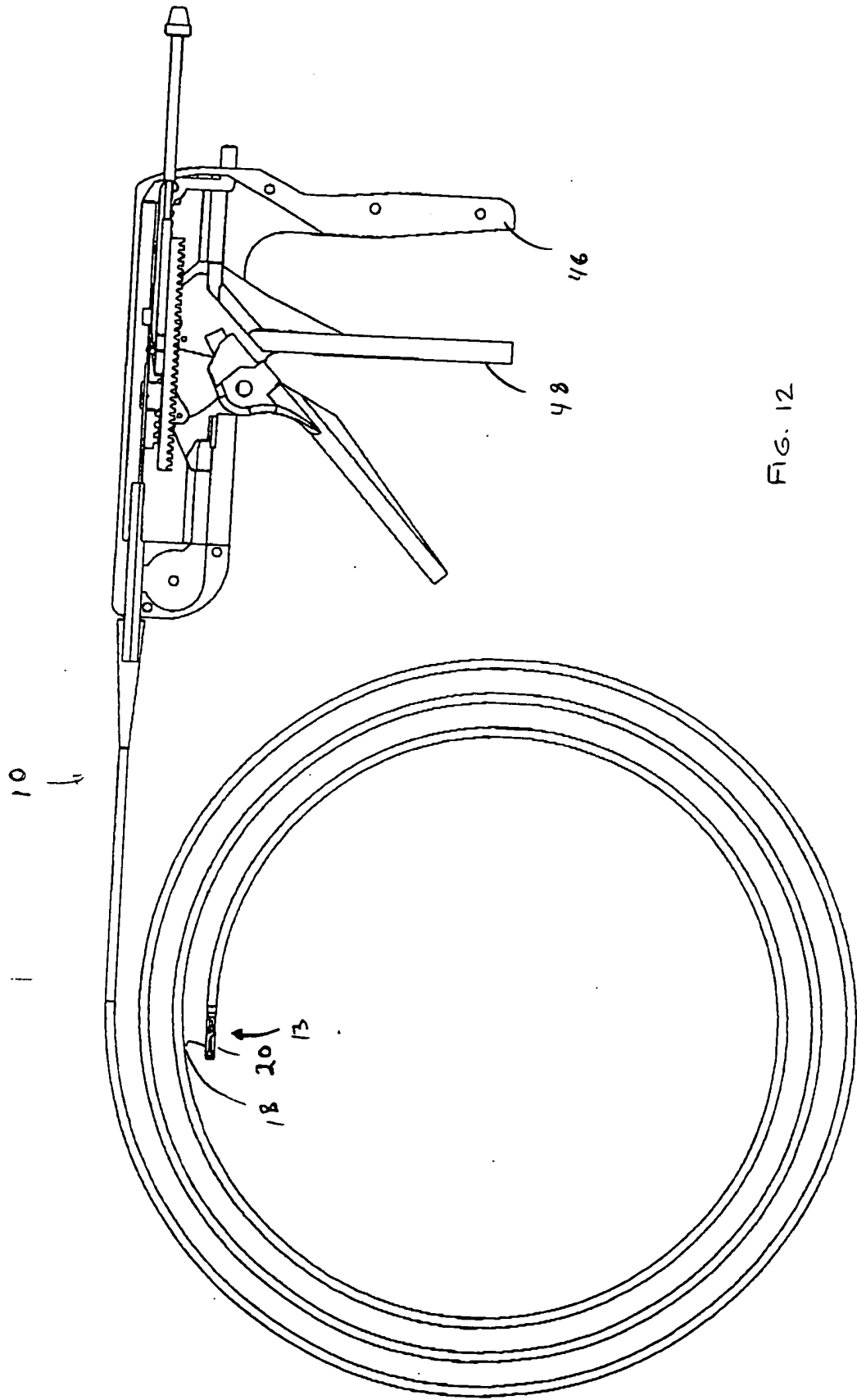


FIG. 12

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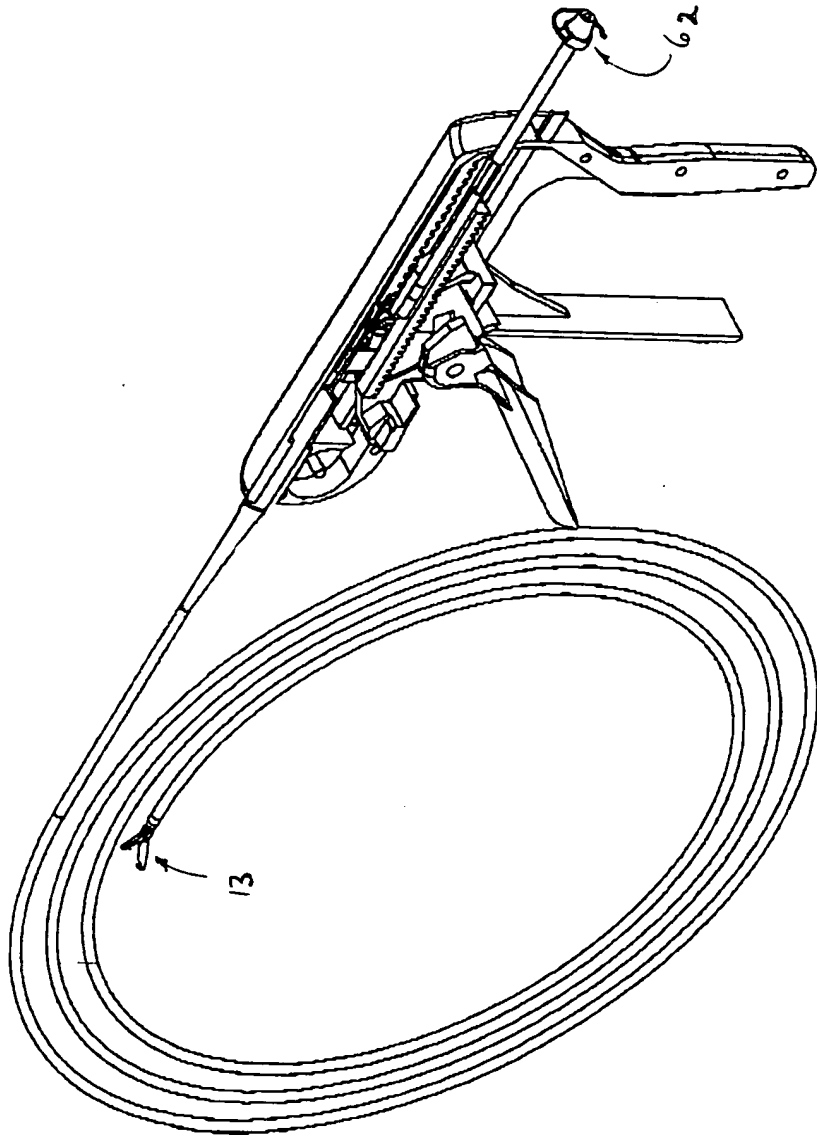


FIG. 13

10010912.120601

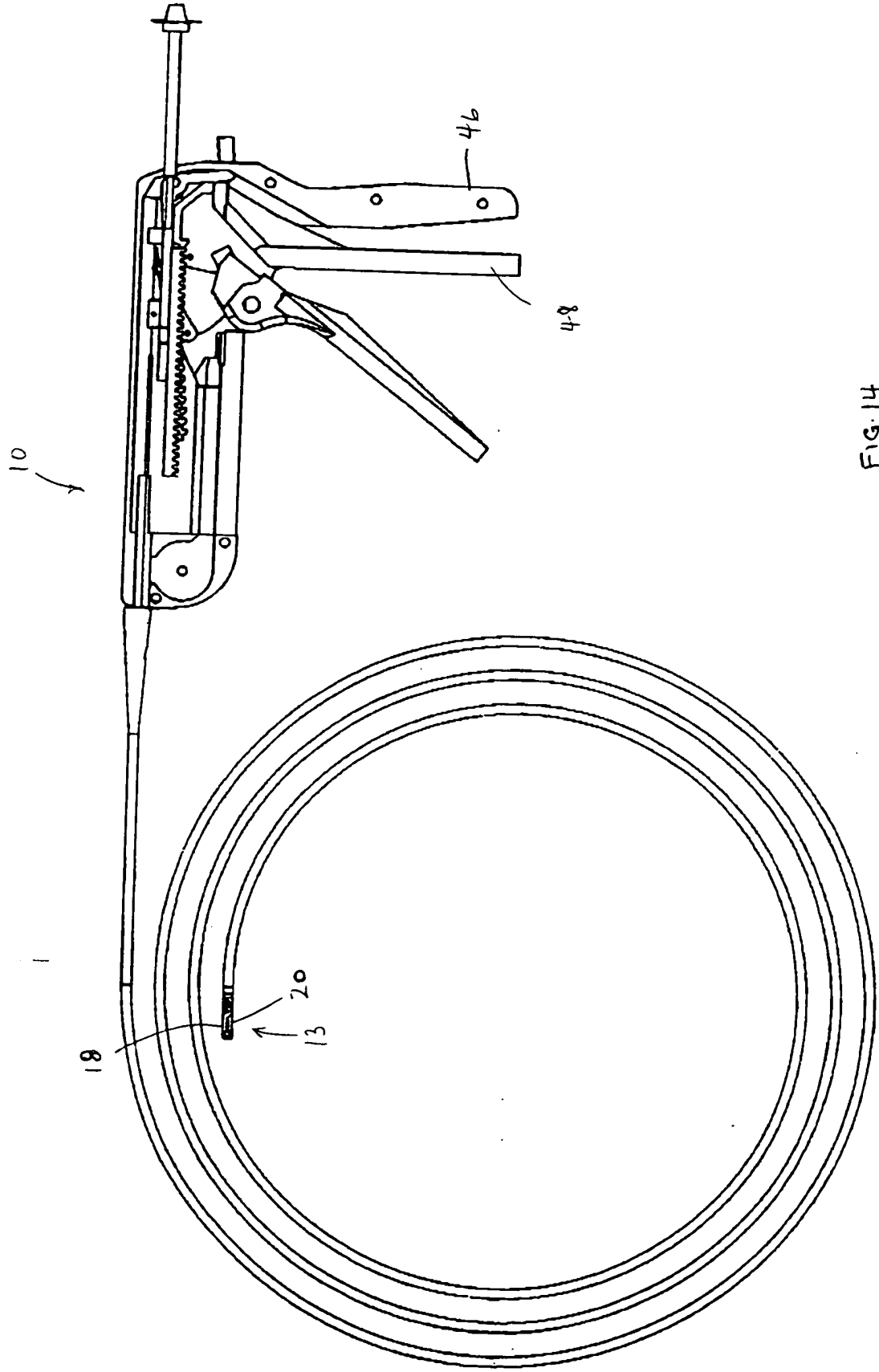


FIG. 14

10010912 "120601

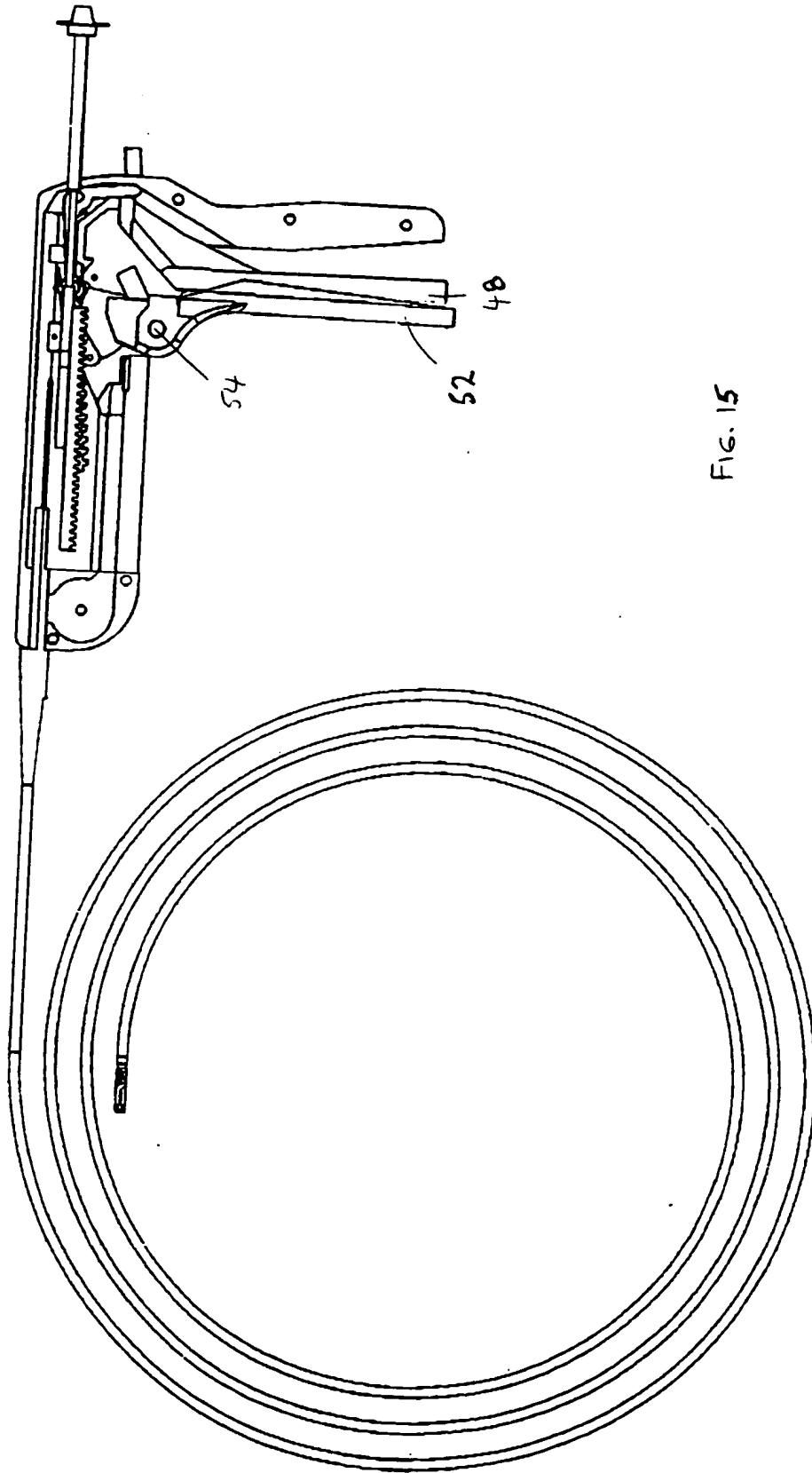


FIG. 15

10010912-120601

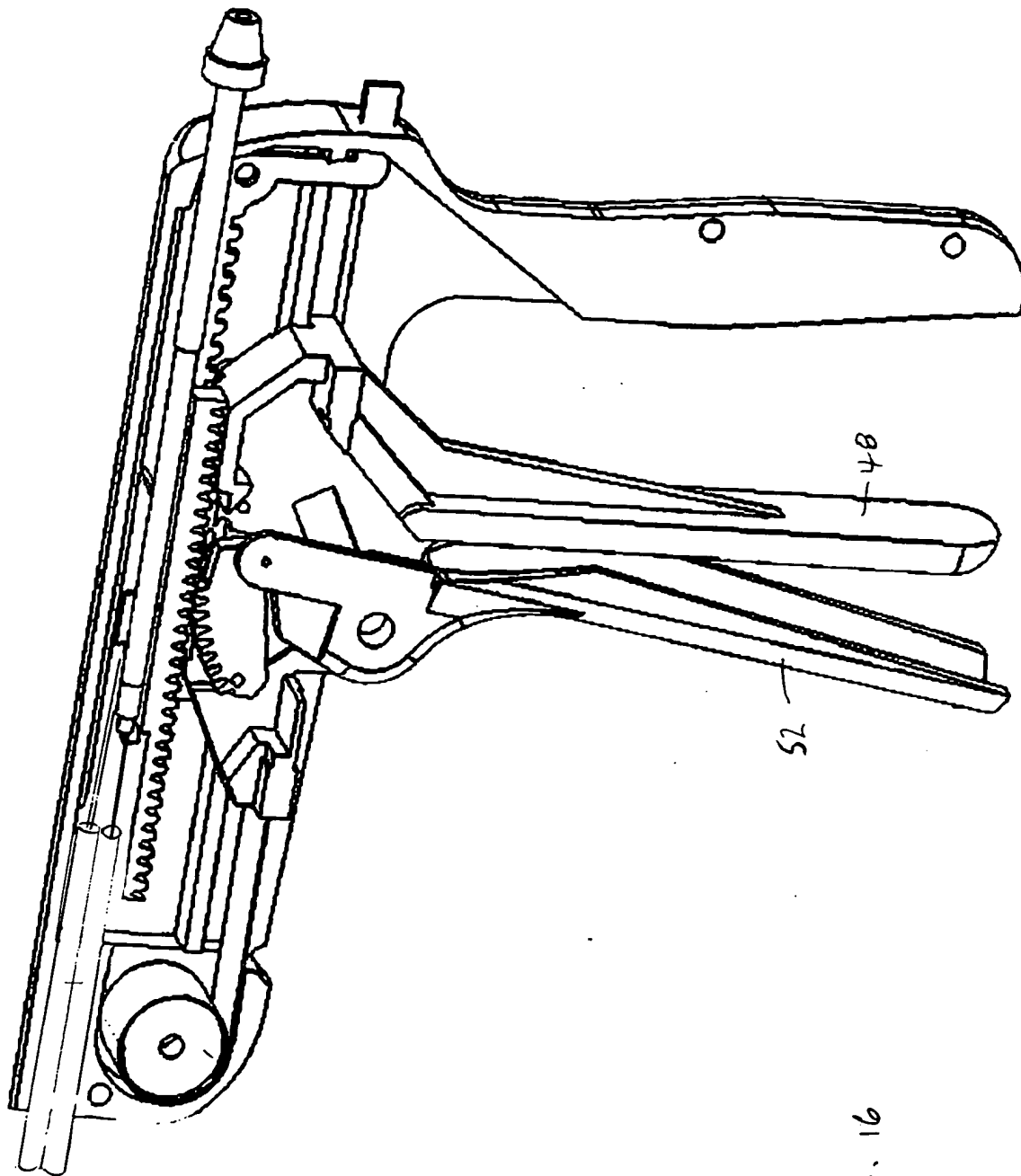


FIG. 16

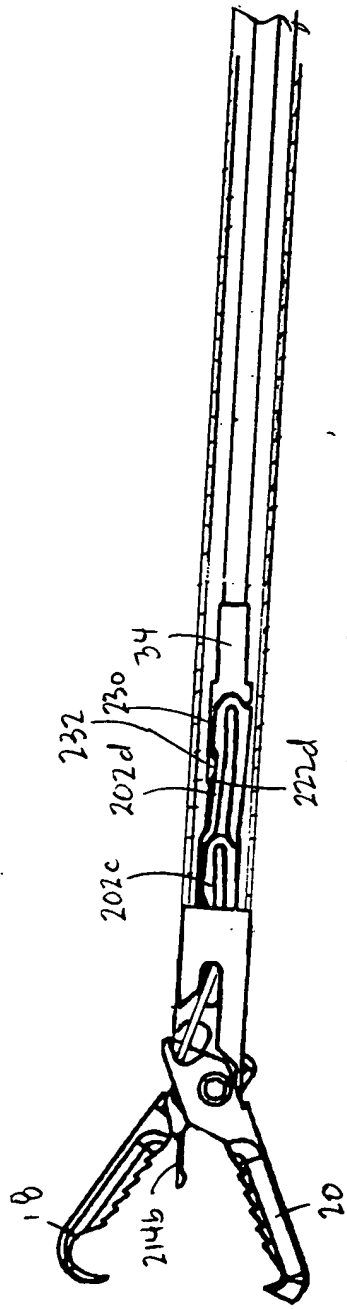


FIG. 19

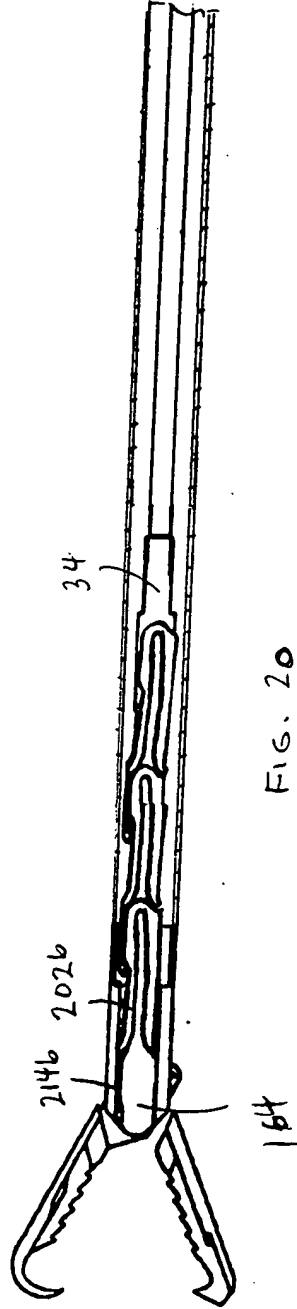


FIG. 20

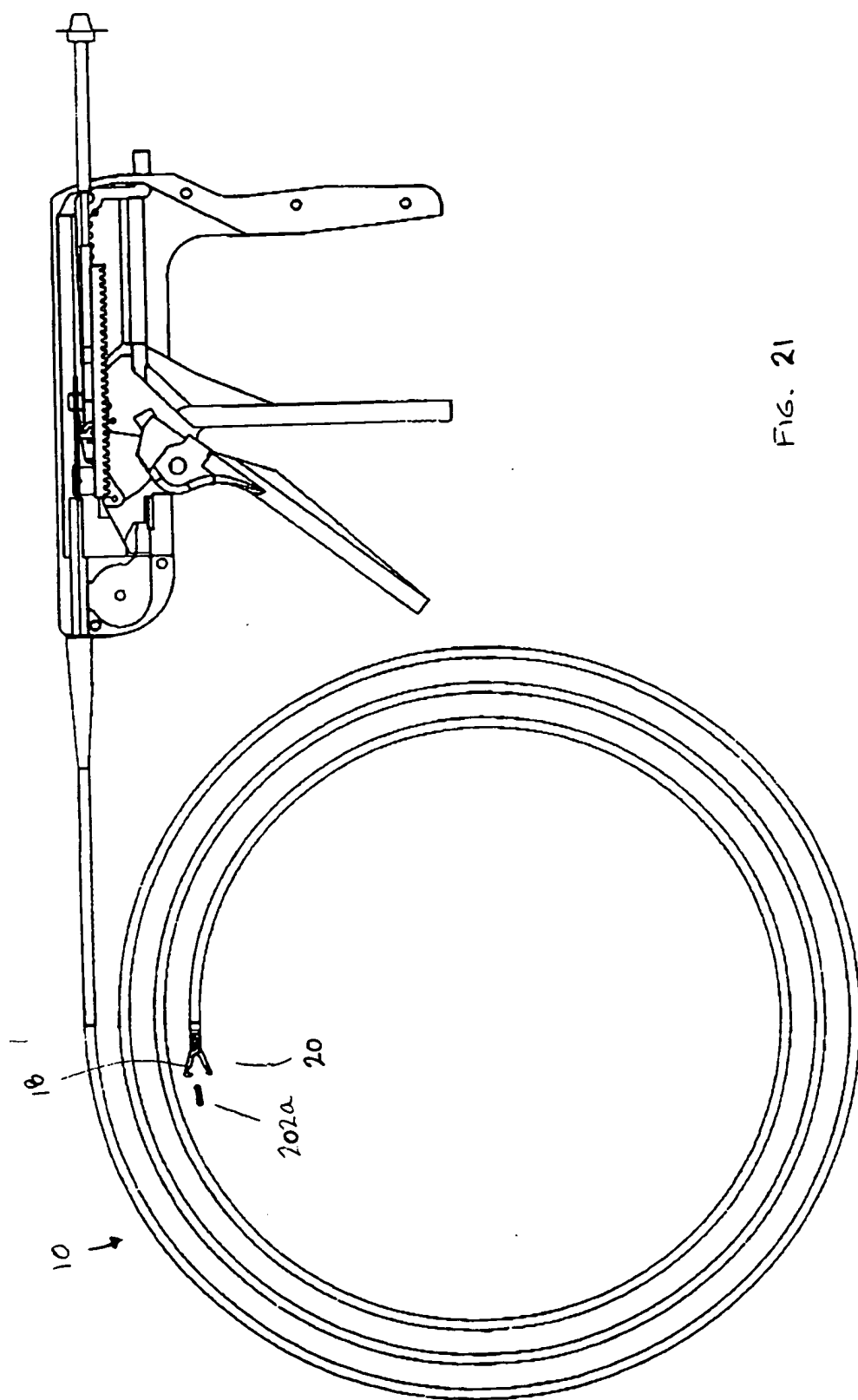


FIG. 21

Coil O.D.	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.088	0.085	0.086	0.083
Coil I.D.	0.06	0.08	0.06	0.06	0.06	0.06	0.08	0.053	0.053	0.054	0.054
Clip Advancing Wire O.D.	0.017	0.017	0.017	0.015	0.02	0.02	0.02	0.017	0.017	0.017	0.017
End Effects Wire O.D.	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.009	0.009	0.009	0.009
Barrier Sheath	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	RUN #1	RUN #2	RUN #3	RUN #4	RUN #5	RUN #6	RUN #7	RUN #8	RUN #9	RUN #10	RUN #11
1 lb	0.46	0.24	0.32	0.54	0.59	0.56	0.45	0.87	0.4	0.57	0.77
2 lb	1.19	0.75	0.9	1.07	1.07	1.07	0.69	1.62	1.12	1.02	1
3 lb	1.67	1.24	1.44	1.51	1.9	1.7	1.02	2.07	1.61	1.39	1.77
4 lb	2.19	1.81	1.98	2.62	2.3	2.6	1.51	2.61	2.01	2.09	2.76
5 lb	2.74	2.35	2.59	2.05	3.07	2.98	2.26	3.5	2.44	3.19	3.15
6 lb	3.27	2.82	2.61	2.11	3.68	3.72	2.56	3.87	2.78	3.5	3.61
7 lb	3.32	3.12	3.37		3.93	3.8	3.34	4.56	3.54	3.92	4.48
8 lb	3.82	3.42			4.03	4.08	3.54	4.61	4.28	4.42	5.17
Weight Position	11 lb no loops	11 lb 1 loop	11 lb 2 loops	11 lb no loops	11 lb no loops	11 lb 1 loop	11 lb 2 loops	11 lb no loops	11 lb 2 loops	11 lb no loops	11 lb no loops

FIG. 22

EFFICIENCY PLOT

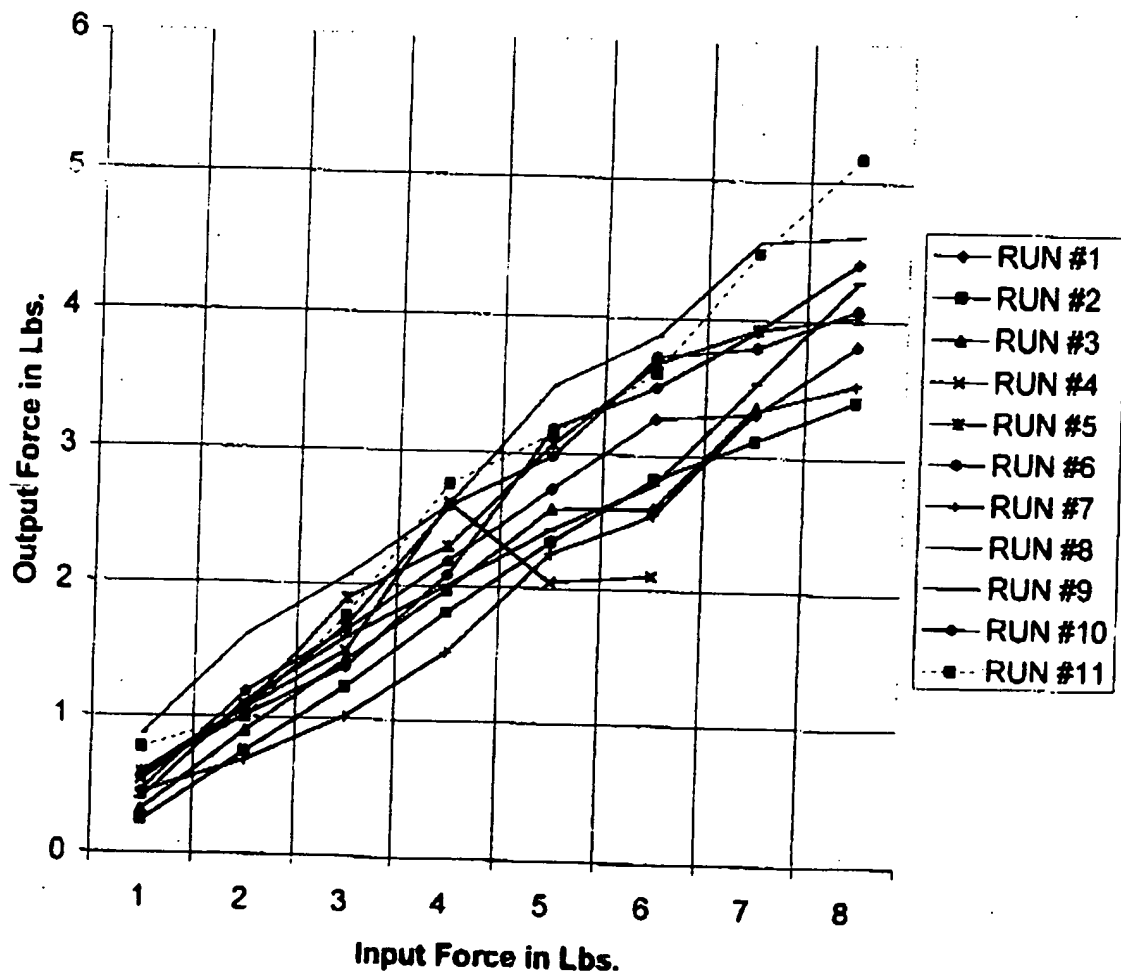


FIG. 23

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